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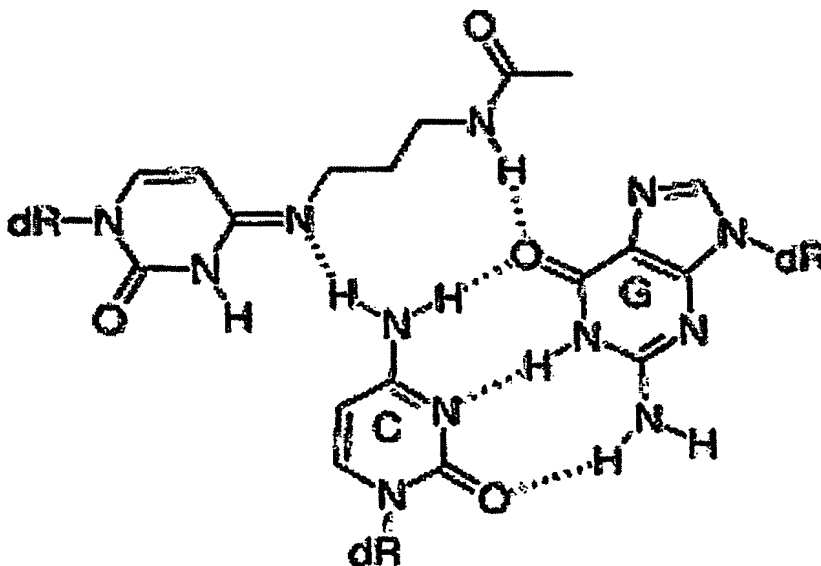
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(54) Title: METHOD FOR INVESTIGATING CYTOSINE METHYLATION IN DNA SEQUENCES BY MEANS OF TRIPLEX-FORMING OLIGOMERS



(57) Abstract: A method is described for the investigation of cytosine methylation in DNA sequences. Triplex-forming oligomers are utilized, which preferably form triplex structures at positions where cytosine unmethylated at position 5 is present. The triplexes block the transcription, replication and amplification of the DNA. In particular, peptide nucleic acid oligomers with modified nucleobases can be used as triplex-forming oligomers.

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